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FIG. 1(I)

10	20	30	40	50	60
MGFTSGFSL	LLDLTHLFLA	LGSPHYSTIT	PNILRLSEEE	TMVLEAHDAQ	GDVFTVTVH
70	80	90	100	110	120
DFPGKKLVLS	SEKTVLIPAT	NHMGNVFTT	FANREFSEEN	GRNKFTVGA	TFGTQVVKV
130	140	150	160	170	180
VLVSLQSGYL	FICTDKTIYT	FGSTVLYRIF	TVNHKLFPVG	RTVMVNIENP	EGIPVKQDSL
190	200	210	220	230	240
SSQNLQVLFL	LSNDFELVN	MGQWKIRAY	ENSPQQVFT	EFEVKEYVLP	SFEVIEPTE
250	260	270	280	290	300
KFYVYNENK	LEVTTARFL	YGKKVEGTAF	VQFSGQGL	RISLFEELKR	CFDEGSGEV
310	320	330	340	350	360
VLSRKVLDS	VQNFRAEDLV	GKELYVSAT	ELKSGSDMV	AERSGTFVT	SPYQIHFTK
370	380	390	400	410	420
PKYTKGMPF	ELMVTTFND	GSPAYRVFA	VQSEETVGL	TQGDGVAKLS	INTHEOKPL
430	440	450	460	470	480
SITVTKKKE	LSEAGQATF	MGALPYSTVS	NSNNYLKLSV	LTLELAPGET	LNVNELLMD
490	500	510	520	530	540
RAHEAKIRY	TYLIMNKGL	LKAGRQVRF	GQDLVFLFLS	ITTDIFPSFR	LVAYTLLGA
550	560	570	580	590	600
SGOREVWDS	VWVDVKDSV	GSLVVKSGQS	EDROPVSGQC	MTLKIEGDHG	ARVVLVADK
610	620	630	640	650	660
GVTYLNKKN	LTQSKINDVV	EKADIGCTFG	SGKDYAGVTS	DAGLTFTSSS	GQCTAQRAEL
670	680	690	700	710	720
QCPQFAARR	RSVGLTEKRM	DKVGKYPKEL	RKCEDGMRE	NPMRFSCQR	TFISLSEAC
730	740	750	760	770	780
KKVLDCQNY	ITELRQHAR	ASHGLGARSN	LDEDIAEEN	IVSRSEFPES	WLVNVEDLKE
790	800	810	820	830	840
PPKNGISTYL	MNIFLKESIT	TWELLAVMS	DKKSGVADP	FEVTVQDFFT	IDLRLPYSVV
850	860	870	880	890	900
RNEQVEIRAY	LYNVRQNOEL	KVRVELLHNP	AFQSLATTKR	RHQCTITIPP	KSSLSPVYVI
910	920	930	940	950	960
VPLNITOLEP	EVKAAVYHNF	ISDGVAKSLX	VVFESIRMNK	TVAVRTLDPE	RLGREGVOKE
970	980	990	1000	1010	1020
DFPDLLEL	VFDTSEETRL	LLOQTFVQCM	TEDAVDAERL	KHLIVTFESC	ZEONMIGHTP
1030	1040	1050	1060	1070	1080
TVIAYWYLED	TEOWENFGLR	KRQGALELIK	KQYTGQLAFF	QFSSAFAPV	KRAPSTWLIA
1090	1100	1110	1120	1130	1140
YVVKFTSLAV	NLIAIDSVYL	ISAVKWLLEL	KQNFQGVTFE	DAFWHQEML	GSLRNNNEKD
1150	1160	1170	1180	1190	1200
MALTAFLVLS	LOBANDITEE	OVNSLFCSTI	KAGDTLEANY	MKLORSETTA	IAGYALAGMG

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1210	1220	1230	1240	1250	1260
RLKGFLLNKF	LTTAKDKRW	EDPGKQLNV	EATSYALLAL	LQKDFDFVP	FVVRWLNQOR
1270	1280	1290	1300	1310	1320
YYGGGYGSGC	ATFMVQALA	QYQKDAFDHQ	ELNLDVSLCL	PSRESKITHR	IHWESASLLR
1330	1340	1350	1360	1370	1380
SEETKENEGF	TVTAEKGKCS	TLSVVVTHYA	KAKDQLTCHK	FDLKVTLKFA	PETEKRFQDA
1390	1400	1410	1420	1430	1440
KNTMILEIST	RYRGDQDATM	SILDISMMTG	FAPDTDLKQ	LANGVDRYIS	KYELDKAFFD
1450	1460	1470	1480	1490	1500
RNTLIIVLDK	VSHSEEDCLA	FKVHOYFNVE	LIQPGAVKVY	AYYNLEESCT	RFYHPEKEDG
1510	1520	1530	1540	1550	1560
KLNKLERDEL	CRCAEENCFI	QKSDDKVTLF	ERLDKACEPG	VDYVYKTRLV	KVQLSNDPDE
1570	1580	1590	1600	1610	1620
YIMAEQTIK	SGSDEVQVGG	QRTFISPIKC	REALKLEKK	HYLMWGLSSD	FWGEKPNLSY
1630	1640	1650	1660		
IIKKCTWVEH	WPEDEEQDE	ENQKQCQCLG	AFTESMVVFG	CPN	

FIG. 1(II)

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FIG. 2(I)

ccctccctccct	ctgtccctctct	gtccctctctga	ccctccctctct	tcccaagcacc
12	20	30	40	50
60				
atctttacccca	ctctcaggtccc	caactctgtctg	ctctctgtctac	taaccccaacct
70	80	90	100	110
120				
ctcttgggtgac	ccatgtactc	tatcatccacc	cccaaacatct	tgtctgtctgga
130	140	150	160	170
180				
acccatctgttc	tgttgggtccca	atgacgcgcaa	gggtgatcttc	caatccactct
190	200	210	220	230
240				
gaatttcccaag	gcacaaaaact	agtgtctctcc	agtgtagaaga	ctgtctctgac
250	260	270	280	290
300				
aaacacactct	gcacacgtacc	cttcacacttc	caagcccaaca	gggaatctcaa
310	320	330	340	350
360				
gggttcaaca	agttctgtgac	ctctgacgacc	accttcgggga	cccaagtctt
370	380	390	400	410
420				
gtctctgtctca	gtctgtcagag	cggttcaactc	ttcatccaga	caaacacagac
430	440	450	460	470
480				
acctgtctccca	caattctctca	tccggtatcttc	acgtctcaacc	acaaactctct
490	500	510	520	530
540				
ctgtctgtctca	tggttcaacat	tgaagaacccc	gaaggtcatcc	cggttcaagca
550	560	570	580	590
600				
ctctctcaga	accagctctct	ctgtcttgcac	ctgtctctctg	acattctcaga
610	620	630	640	650
660				
atctttccagt	ggaaactctcc	agcttacttat	gaaaactctca	caaacacagct
670	680	690	700	710
720				
gaacttctgag	tgaaggaagta	ctgtctctctc	agtttctgag	tcatagtctga
730	740	750	760	770
780				
aaattctctact	acattctataa	ctgaagaaggt	ctggaggtctc	ccattcaccgc
790	800	810	820	830
840				
ctcttgggaaga	aaatctggaggt	aaatctctctc	gtctctctctc	ggatcccaagga
850	860	870	880	890
900				
aggattctccc	tgtctctaatc	cttcaagctgc	attctctgatt	aggtatgtctc
910	920	930	940	950
960				
gtctctctccc	ggaaagtctact	gtctctctctc	gtctctctctc	ccctctctctc
970	980	990	1000	1010
1020				
gggaagtctct	gtctctctctc	gtctctctctc	atctctctctc	caaggtctctc
1030	1040	1050	1060	1070
1080				
gcacagagcttc	gtgtgtgtgttc	catctctgacc	ctctctctctc	agatccctctc
1090	1100	1110	1120	1130
1140				
cccaactctact	tcaaacacaggt	aattctctctc	gaattctctctc	gtctctctctc
1150	1160	1170	1180	1190
1200				
gtctctctctc	ctctctctctc	ctctctctctc	gtctctctctc	gtctctctctc
1210	1220	1230	1240	1250
1260				

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FIG. 2(II) 4/19

accacggggag	atgggcgtggc	caaaactcagg	atcaaacacac	acccacagcca	gaagcccttg
1270	1280	1290	1300	1310	1320
agcatcacgg	tgggcacgaa	gaagcagggag	ttcttcggagg	cagagcaggc	taccaggacc
1330	1340	1350	1360	1370	1380
atgcaggctc	tggcctacag	caccgtgggc	aaactcaaca	attacctgca	tctctcagtg
1390	1400	1410	1420	1430	1440
ctacgtacag	agctcagacc	gggggagacc	ctcaaccgtca	acttcctctc	gggaatggac
1450	1460	1470	1480	1490	1500
cgcgccacag	aggccaagat	cccttactac	acctacctga	tcatgaacaa	gggcaggttg
1510	1520	1530	1540	1550	1560
ttgaaggggc	gagccacagc	ggagagggcc	ggccaggacc	tgggtggtct	ggccctctcc
1570	1580	1590	1600	1610	1620
atcaccaccg	acttcacccc	ttccctccgc	ctggctggct	actcacgctt	gacgggtgcc
1630	1640	1650	1660	1670	1680
agcggtccaga	gggaggtgct	ggccgacccc	gtgttggttg	acgtcaaggc	ctcctggctg
1690	1700	1710	1720	1730	1740
ggctcctctg	tgttaaaaag	cgcccaactca	gaagaccggc	agcctgtacc	tgggcagcag
1750	1760	1770	1780	1790	1800
atgacctctc	agatagaggg	tgacctcggg	ggccgggttg	tactgttgcc	cgtggacaa
1810	1820	1830	1840	1850	1860
ggcgtgcttc	tgttgaataa	gaagaaacaaa	ctgacgcaga	gtaaatctct	ggacgtggtg
1870	1880	1890	1900	1910	1920
gagaaaggcag	acatcggctc	caccccgggt	agtgggagc	attacggccg	tgtcttctcc
1930	1940	1950	1960	1970	1980
gaccgcaggc	tgaccttcac	gagcagcagt	ggccagcaga	cgccccagag	ggcagaactt
1990	2000	2010	2020	2030	2040
cagtgcctcc	agccagccct	ccgcggaccc	cgttccgttc	agctcacgga	gaagcgaatg
2050	2060	2070	2080	2090	2100
gacaaagtgc	gcaagtaccc	caaggagctc	gtcaagtgtc	ggcaggacgg	catgcgggag
2110	2120	2130	2140	2150	2160
aaaccataga	ggttctcgtc	ccagccccgg	acccctttca	tctccctggg	cgaaggcttc
2170	2180	2190	2200	2210	2220
aaagaagtct	tcttcggact	ctgcgaactc	atcacagacc	tgccggcggca	gcacggccgg
2230	2240	2250	2260	2270	2280
ggccagccac	tgggctcgtc	cagggagtac	ctggatgagg	acatcatttc	agaagagaa
2290	2300	2310	2320	2330	2340
atcgtttccc	gaagtggagt	ccagagagcc	tgccttggtc	acgttgagga	cttgaagag
2350	2360	2370	2380	2390	2400
ccaccgaaaa	atggaattcc	tacgaagctc	atgaatatat	ttttgaaaga	ctccatcacc
2410	2420	2430	2440	2450	2460
acgtgggaga	ttctcgtctc	gagcatgtcg	gacaaaggaa	ggatctgttc	ggcagacccc
2470	2480	2490	2500	2510	2520
ctcaggtcca	cgtcaattcc	ggactttctc	atccactctc	ggctacccca	ctctgtttct
2530	2540	2550	2560	2570	2580

FIG. 2(III) 5/19

ccgaacccagc	aggtggaaat	ccgagccgtt	ctctacaatt	accggcgagaa	ccaagagcttc
2590	2600	2610	2620	2630	2640
aaagctgaggt	tggaaactact	ccacaactca	gccttctcgca	gccttggccac	caccaagagg
2650	2660	2670	2680	2690	2700
ccctaccagc	agaccataac	catccccccc	aaatcctcgt	tgtccgttcc	atatgtcacc
2710	2720	2730	2740	2750	2760
gtcccccaga	agaacggcct	ccaaggaagt	gaagtcaggc	ctgctgtcta	ccacacattcc
2770	2780	2790	2800	2810	2820
atcagtgacc	gtctcaggaa	gtccctcgaa	gtcgtgcccc	aaggaatcac	aatgaacaaa
2830	2840	2850	2860	2870	2880
acctgtgctc	ttccaccctc	ggatccagaa	gcctctggcc	ctgaaggagc	gcagaaagag
2890	2900	2910	2920	2930	2940
gacacccccc	ctgcagacct	cagtgacaaa	gtcccccagca	ccgagttctga	gaccagagatt
2950	2960	2970	2980	2990	3000
ctctccagct	ggacccccc	ggcccaagat	acagaggatc	ccgtccagct	ggaaacggctg
3010	3020	3030	3040	3050	3060
aaagccctca	ttgtgacccc	ctccggctgc	ggggaacaga	acatgactcg	catgacggccc
3070	3080	3090	3100	3110	3120
acggctcatc	ctgttcatta	cttcgatgaa	acggagacct	gggagaagtt	gggcttagag
3130	3140	3150	3160	3170	3180
aaagcccgag	gggtcttgga	gttcatacag	aaggggtaca	cccagcagct	ggccttcaga
3190	3200	3210	3220	3230	3240
caacccagct	ctgtctcttc	ggccttcgtc	aaacggggca	ccagcaccct	gctgacggccc
3250	3260	3270	3280	3290	3300
catctgttca	agttctcttc	ctctgctgtc	aacctcatcg	ccatcgactc	ccaagtcttc
3310	3320	3330	3340	3350	3360
ctccggctcg	ctaaatggct	gacccctgga	aagcagaagc	ccgacggggt	cttccaggag
3370	3380	3390	3400	3410	3420
gatcggtccg	tgatcaccca	agaaatgatt	ggtcgattac	ggaaacacaa	cgagaaagac
3430	3440	3450	3460	3470	3480
atggccctca	ccgctcttct	tctcatctcg	ctgcaggagc	ctaaagatct	ctgcaggagag
3490	3500	3510	3520	3530	3540
caagtcacaa	gccttccagg	caqcatcact	aaagcaggag	acttccttga	agccaaactac
3550	3560	3570	3580	3590	3600
atgaaactac	agagatccta	cactctggcc	attctctggc	atgctcttgc	ccagatggggc
3610	3620	3630	3640	3650	3660
aggtctaaag	ggcctcttct	tacaaaattt	ctgacacacag	ccaaaagata	gaacccgtctg
3670	3680	3690	3700	3710	3720
gaggaacccc	ctaaagagct	ctacaaagct	gaggtcacat	ccatacggct	cttgggcttca
3730	3740	3750	3760	3770	3780
ccgaaactaa	aacactttga	ctttgtgacct	ccccctctgc	gttctctcaa	tgaaacagaga
3790	3800	3810	3820	3830	3840
caatcagggc	gtggctctag	ctctaccacc	gccaccttca	tggcttctca	agcctctggct
3850	3860	3870	3880	3890	3900

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FIG. 2(IV)

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caataccaaa aggcagcccc tgaccaccag gaactgaacc ttgatgtgtc cctccaaactg
3910      3920      3930      3940      3950      3960

ccccagccga gctccaaagat caccacacct atccctctggg aacctgccag cctcctcnga
3970      3980      3990      4000      4010      4020

tcagaagaga ccaaggaasa tgaggggtttc acactcacct ctgaaggaaa aggcacaaggg
4030      4040      4050      4060      4070      4080

accttctctg ttgtgacaat ctaccatgct aaggccaaag atcaactcac ctgtataata
4090      4100      4110      4120      4130      4140

ttcgacctca aggtcaccat aaaaaccagca ccggaacacg aaaagagggc tcaggatccc
4150      4160      4170      4180      4190      4200

aagaacacta tgatcctttga gatctgtacc aggtcacggg gagaaccaga tggcactatg
4210      4220      4230      4240      4250      4260

tctatatctg acatatccat gatgactggc ttctctccag acacagatga ccggaagcag
4270      4280      4290      4300      4310      4320

tcggccaatg gttctgacag atacatctcc aagtatgagc tggacaaga cctctccgat
4330      4340      4350      4360      4370      4380

aggaacaccc tcacatctta cctggacaa gctctcacct ctgaggatga ctgtctagct
4390      4400      4410      4420      4430      4440

ttcaaaattc accaatactt taactgtaga cttatccaga ctggagcagt caaggtctac
4450      4460      4470      4480      4490      4500

gcttatatac acctggagga aagctgtacc tggttctacc atccggaaaa gagggatgga
4510      4520      4530      4540      4550      4560

aaactgaaca agtctctccc tgatgaactg tggcctctgt ctgaggagaa ttgcttcata
4570      4580      4590      4600      4610      4620

caaaagtctg atgacaagtc caccctggaa gaacggcttg acaaggcttg tgaaccagga
4630      4640      4650      4660      4670      4680

gtggactatg tgtacaagac ccgactggc aaggttcagc tgtccaatga ctttcaggag
4690      4700      4710      4720      4730      4740

tacatcatct ccattgagca gacccctcaag tcaagctctg atgaggtgca ggttgacag
4750      4760      4770      4780      4790      4800

cagctccact tcatacagccc catcaagtcg agagaaagccc tgaagctgga ggaagaagaaa
4810      4820      4830      4840      4850      4860

cacttctcca tcttgggtct ctctccgat tcttgggttg agagggccaa cctcagctac
4870      4880      4890      4900      4910      4920

atcctctggga aggacacttg gctggagcac tggcctgagc aggcagaztc ccaagacgaa
4930      4940      4950      4960      4970      4980

gagaaccaga aacaatccca ggaactctgg ccccttcaccc agagcatggt tgccttctgg
4990      5000      5010      5020      5030      5040

tcccccaact gaccacaccc ccattccc
5050

```

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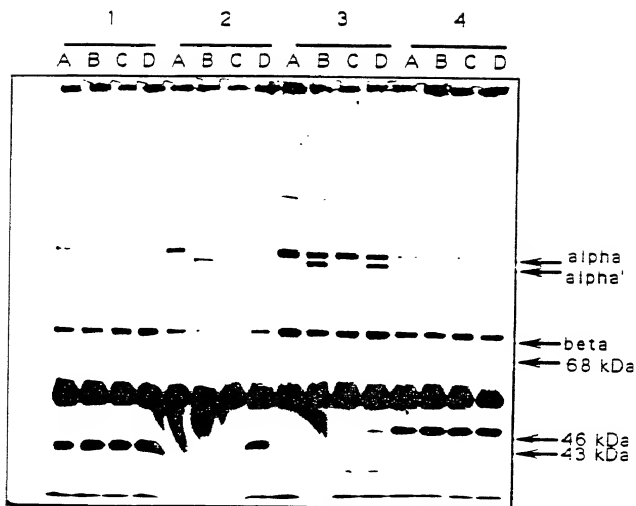


FIG. 3

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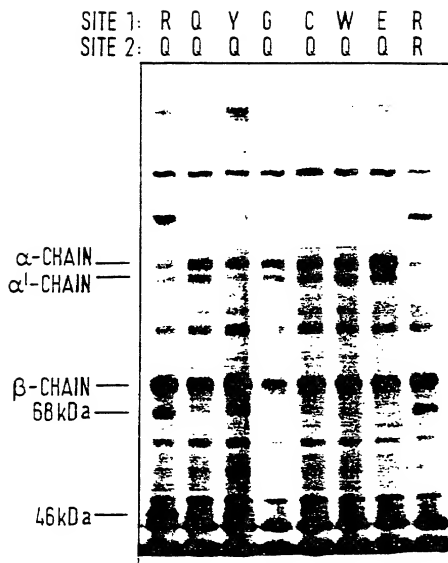


FIG. 4

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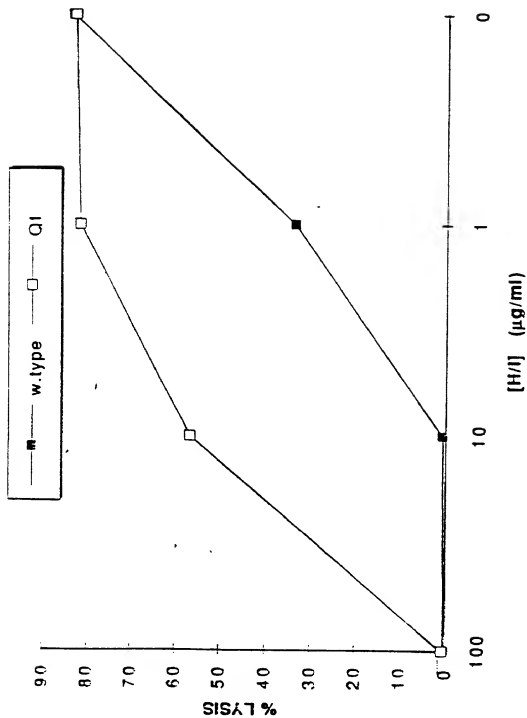


FIG. 5

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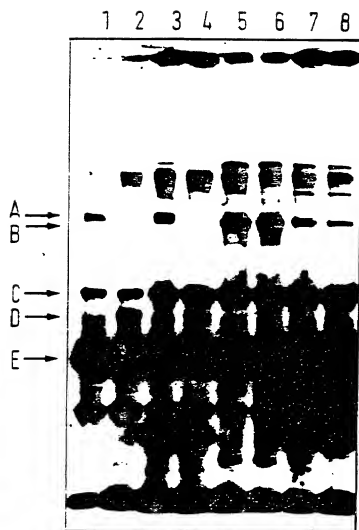


FIG. 6

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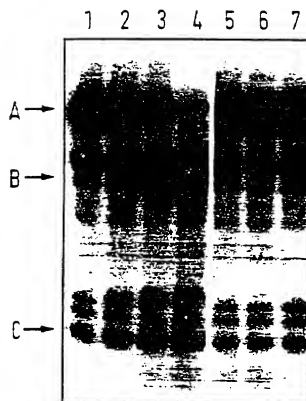


FIG. 7

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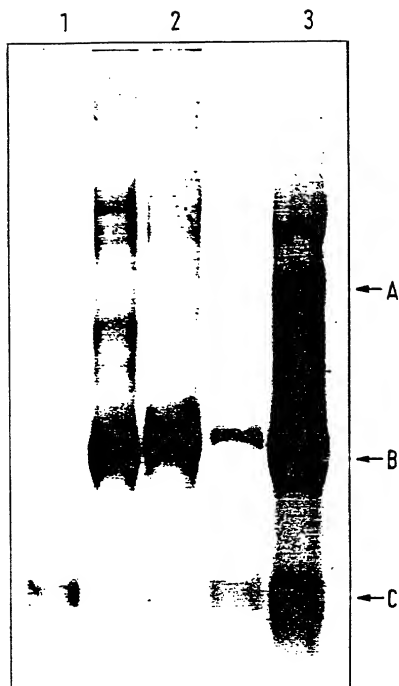


FIG. 8

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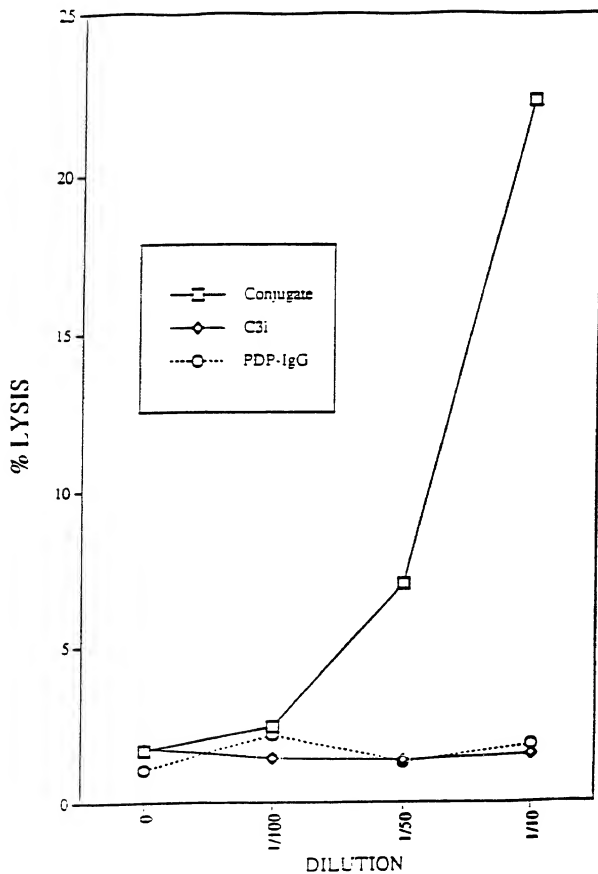


FIG. 9

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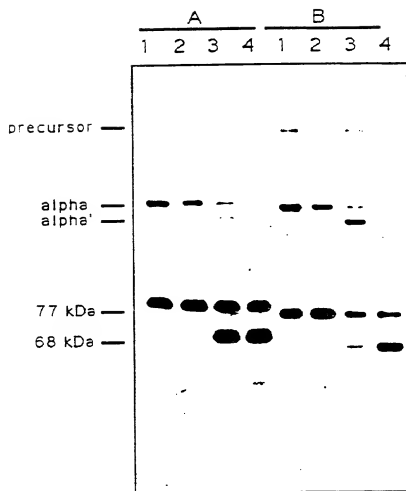


FIG. 10

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T09090* 6T55Z860

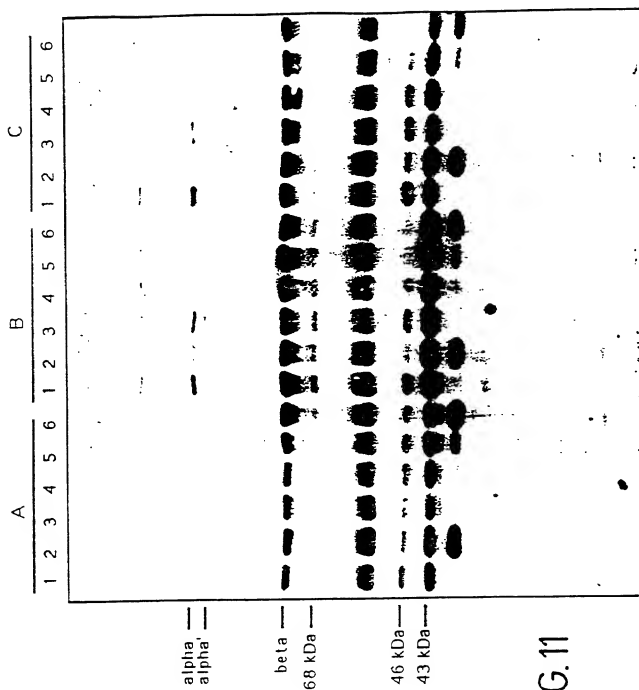


FIG. 11

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FIG. 12

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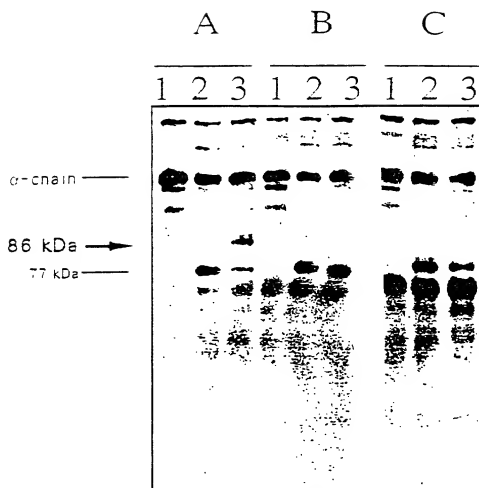


FIG. 13

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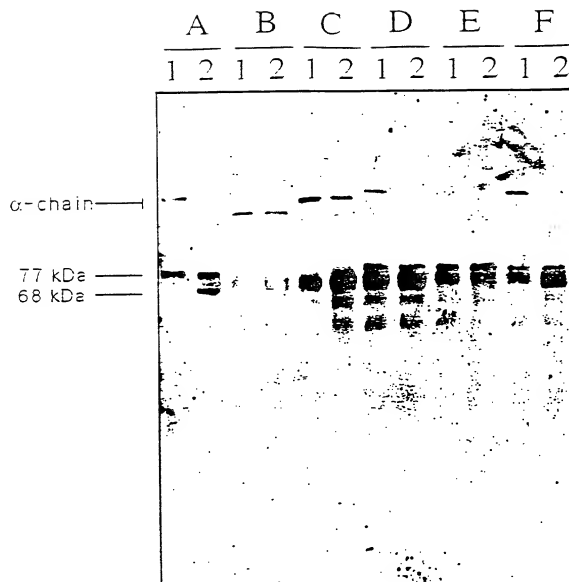


FIG. 14

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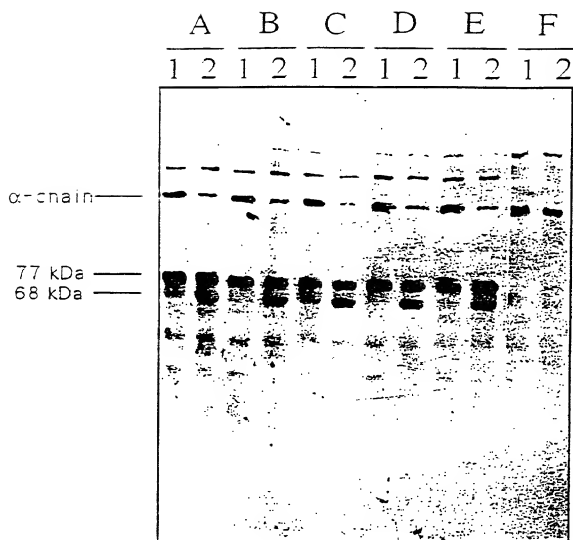


FIG. 15